

RESOLUTION ITU-R 10-1

ELECTRONIC SPECTRUM MANAGEMENT INFORMATION EXCHANGE

(1993-1997)

The ITU Radiocommunication Assembly,

considering

- a) that many administrations have created national spectrum management units to coordinate, within their country and across national borders, technical and operational characteristics of radio stations under their authority such, such as frequency assignments and orbital position assignments, in order to avoid harmful interference;
- b) that administrations and regional telecommunications organizations have developed or are developing automated analysis programs, database management systems (DBMS), and networks necessary for coordination and spectrum management purposes;
- c) that access to these automated analysis programs and DBMS is necessary for national use of spectrum resources and is vital to governmental agencies and non-government entities such as government contractors, international organizations and consortia, service providers, equipment manufacturers and consultants;
- d) that the transfer of computer programs and spectrum management data would support and facilitate national spectrum management and coordination among administrations;
- e) that Recommendation ITU-R SM.668-1 recommends electronic exchange of information for spectrum management purposes;
- f) that spectrum management data can be transferred between computer systems of administrations and regional telecommunication organizations using, *inter alia*, the public telecommunication network and existing ITU telecommunications facilities, such as TIES and ITUDOC,

further considering

- g) the decreasing price of computers and proliferation of computer networks;
- h) that a common electronic information system for spectrum management could integrate existing resources into a computer network, could service as a framework for exchange of spectrum management data in national, regional and interregional areas and could facilitate:
 - exchange of general information about spectrum management activities and technical and operational characteristics of radio stations and their environment for planning purposes;
 - the rational and economic use of the radio-frequency spectrum resource; and
- j) that Radiocommunication Study Groups have already agreed on many elements, such as propagation models conductivity maps, data structures that could be used in such a system,

recognizes

- a) that other efforts are underway by the ITU in development of methods for electronic document handling,

recommends

- 1 that administrations and regional telecommunications organizations expand the use of electronic data information exchanged nationally between spectrum management units and interested parties;
- 2 that administrations be encouraged to use existing networks for this electronic exchange of spectrum management information;
- 3 that administrations should use the guidelines for electronic exchange of spectrum management information contained in Recommendation ITU-R SM.668-1,

resolves

1 that Recommendation Study Group 1 should continue to maintain information on experiences and update guidance regarding electronic means of exchange of spectrum management information.
